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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/006,489	
	Filing Date	December 6, 2001	
	First Named Inventor	Dr. Roger O. WILLIAMS	
	Group Art Unit	3752	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	14 pages + 113 refs.	Attorney Docket Number	514542001000

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement - 3-pages <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) <ol style="list-style-type: none"> Form PTO-1449 + duplicate copy - 10 pages One hundred thirteen (113) references Return receipt postcard
Remarks: _____		

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	MORRISON & FOERSTER LLP Johnney U. Han - 45,565	 * 2 5 2 2 6 *
Signature		
Date	June 25, 2003	

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 333857341 US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: June 25, 2003

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(Tamara Alcaraz)

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(Tamara Alcaraz)

S. Little
7-16-03

PATENT
Docket No. 514542001000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Roger O. WILLIAMS, et al

Serial No.: 10/006,489

Filing Date: December 6, 2001

For: APPARATUS AND METHOD FOR
DROPLET STEERING

Examiner: Not Yet Assigned

Group Art Unit: 3752

*#6/Suppl
IDS*

SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 AND § 1.98

Commissioner for Patents
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Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Supplemental Information Disclosure Statement is submitted:

- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

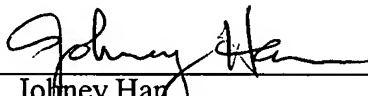
Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 514542001000. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: June 25, 2003

Respectfully submitted,

By: 
Johny Han
Registration No. 45,565

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Form PTO/SB-1449

Docket Number 514542001000

Application Number 10/006,489

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Roger O. WILLIAMS, et al

Filing Date December 6, 2001

Group Art Unit 3752

Mailing Date June 25, 2003

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	03/28/2002	2002/0037375	Ellson et al.			
	2.	03/28/2002	2002/0037527	Ellson et al.			
	3.	03/28/2002	2002/0037579	Ellson et al.			
	4.	04/11/2002	2002/0042077	Ellson			
	5.	05/23/2002	2002/0061258	Mutz et al.			
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	7.	05/30/2002	2002/0064808	Mutz et al.			
	8.	05/30/2002	2002/0064809	Mutz et al.			
	9.	07/04/2002	2002/0085063	Mutz et al.			
	10.	07/04/2002	2002/0086319	Ellson et al.			
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	13.	10/24/2002	2002/0155231	Ellson et al.			
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	15.	09/30/1980	4,225,951	Menin et al.			
	16.	12/29/1981	4,308,547	Lovelady et al.			
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	19.	09/29/1987	4,697,195	Quate et al.			
	20.	01/12/1988	4,719,476	Elrod et al.			
	21.	01/12/1988	4,719,480	Elrod et al.			
	22.	05/17/1988	4,745,419	Quate et al.			
	23.	05/31/1988	4,748,461	Elrod			
	24.	06/07/1988	4,749,900	Hadimioglu et al.			
	25.	06/14/1988	4,751,529	Elrod et al.			
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	27.	11/01/1988	4,782,350	Smith et al.			

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Sheet 2 of 5

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Docket Number 514542001000

Application Number 10/006,489

Applicant

Roger O. WILLIAMS, et al

Filing Date December 6, 2001

Group Art Unit 3752

Mailing Date June 25, 2003

28.	01/10/1989	4,797,693	Quate			
29.	01/31/1989	4,801,950	Frehling			
30.	01/31/1989	4,801,953	Quate			
31.	09/19/1989	4,867,517	Rawson			
32.	09/25/1990	4,959,674	Khri-Yakub et al.			
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35.	12/03/1991	5,070,488	Fukushima et al.			
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43.	11/17/1992	5,163,436	Saitoh et al.			
44.	01/05/1993	5,176,140	Kami et al.			
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46.	03/16/1993	5,194,880	Elrod et al.			
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51.	01/11/1994	5,278,028	Hadimioglu et al.			
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53.	04/05/1994	5,299,578	Rotteveel et al.			
54.	04/19/1994	5,305,016	Quate			
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Sheet 3 of 5

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Docket Number 514542001000

Application Number 10/006,489

Applicant

Roger O. WILLIAMS, et al

Filing Date December 6, 2001

Group Art Unit 3752

Mailing Date June 25, 2003

59.	04/02/1996	5,504,564	Snelling et al.			
60.	05/28/1996	5,520,715	Oeftering			
61.	07/30/1996	5,541,627	Quate			
62.	10/15/1996	5,565,113	Hadimioglu et al.			
63.	12/31/1996	5,589,864	Hadimioglu			
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65.	03/04/1997	5,608,433	Quate			
66.	03/18/1997	5,612,723	Shimura et al.			
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73.	01/20/1998	5,709,737	Malhotra et al.			
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81.	12/28/1999	6,007,183	Horine			
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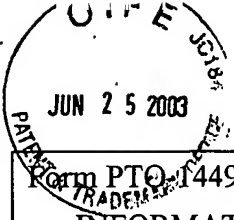
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Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 514542001000

Application Number 10/006,489

Applicant

Roger O. WILLIAMS, et al

Filing Date December 6, 2001

Group Art Unit 3752

Mailing Date June 25, 2003

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	90.	11/28/2000	6,154,236	Roy et al.			
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	95.	01/08/2002	6,336,696	Ellson et al.			
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	98.	06/03/1998	EP 0 845 357	Europe			
	99.	03/28/2002	WO 02/24323	WIPO			
	100.	03/28/2002	WO 02/24324	WIPO			
	101.	04/04/2002	WO 02/26394	WIPO			
	102.	04/04/2002	WO 02/26756	WIPO			
	103.	06/06/2002	WO 02/44319	WIPO			
	104.	06/13/2002	WO 02/47075	WIPO			
	105.	08/29/2002	WO 02/066713	WIPO			

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OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	106.	Goldmann, T. and Gonzalez, J. S. (March 2000). "DNA-Printing: Utilization of a Standard Inkjet Printer for the Transfer of Nucleic Acids to Solid Supports," <i>J. Biochem. Biophys. Methods</i> 42(3):105-110.
	107.	Lemieux, B. et al. (1998). "Overview of DNA Chip Technology," <i>Molecular Breeding</i> 4:277-289.
	108.	Lemmo, A.V. et al. (February 1997). "Characterization of an Inkjet Chemical Microdispenser for Combinatorial Library Synthesis," <i>Analytical Chemistry</i> 69(4):543-551.

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) JUN 25 2003 PATENT & TRADEMARK OFFICE	Docket Number 514542001000	Application Number 10/006,489
	Applicant Roger O. WILLIAMS, et al	
	Filing Date December 6, 2001	Group Art Unit 3752
	Mailing Date June 25, 2003	

109.	NASA, Lewis Research Center, (October 2001). "Technology Opportunity: Acoustic Micro-Dispensing," <i>Combustion & Fluids TOP3-00130</i> . Located at http://technology.nasa.gov/scripts/nls_ax.dll/twDispMatches(111;20221218;1) Last visited on 9/4/2002. (2 pages).
110.	NASA, Glenn Research Center, "Acoustic Liquid Manipulation Improves Selective Plating Process," <i>Nasa Glenn Success Stories</i> , located at http://technology.nasa.gov/scripts/nls_ax.dll/twDispMatches(22;20221218;1) Last visited on June 16, 2003. (1 page).
111.	NASA, Glenn Research Center, "Acoustically Enhanced Electroplating Process," <i>Nasa Glenn Success Stories</i> , located at http://technology.nasa.gov/scripts/nls_ax.dll/twDispMatches(22;20221218;1) Last visited on June 16, 2003. (1 page).
112.	NASA, Lewis Research Center, (August 1998). "Technology Opportunity: The Directional Electrostatic Accretion Process," <i>Materials & Structures MS-200-1</i> , located at http://technology.nasa.gov/scripts/nls_ax.dll/twdispMatches(111;20221218;1) Last visited on June 16, 2003. (2 pages).
113.	NASA, Lewis Research Center, (August 1998). "Technology Opportunity: Liquid Manipulation by Acoustic Radiation Pressure," <i>Combustion & Fluids CF-070-1</i> , located at http://technology.nasa.gov/scripts/nls_ax.dll/twDispMatches(111;20221218;1) Last visited on June 16, 2003. (2 pages).

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